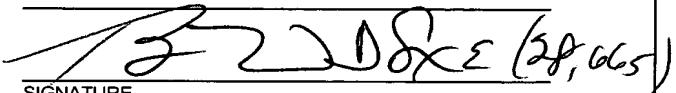


JC20 Rec'd PCT/PTO 30 JUL 2001

FORM PTO-1390 (Modified) (REV 5-93)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371			028622-0108	
INTERNATIONAL APPLICATION NO. PCT/EP00/00690		INTERNATIONAL FILING DATE January 28, 2000	PRIORITY DATE CLAIMED January 29, 1999	U.S. APPLICATION NO. (If known, see 37 CFR 1.47) Unassigned 097890339
TITLE OF INVENTION IDENTIFICATION OF SPECIFIC DIFFERENTIALLY EXPRESSED MYCOBACTERIAL ANTIGENS				
APPLICANT(S) FOR DO/EO/US Peter Jungblut, Stephanie H.E. Kaufmann, Ulrich Schaible, Hans Mollenkopf, Bärbel Raupach, Ursula Zimny-Arndt, Stephanie Lamar and Jens Mattow				
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:				
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).</p> <p>4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). <input checked="" type="checkbox"/> has been transmitted by the International Bureau. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</p> <p>6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). <input type="checkbox"/> have been transmitted by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p>11. <input type="checkbox"/> Applicant claims small entity status under 37 CFR 1.27 .</p>				
Items 12. to 17. below concern other document(s) or information included:				
<p>12. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>13. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>14. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> Other items or information:</p>				

IC17 Rec'd PCT/PTO 30 JUL 2001

U.S. APPLICATION NO. (If known) see 37 CFR 1.15 Unassigned 09/890339	INTERNATIONAL APPLICATION NO. PCT/EP00/00690	ATTORNEY'S DOCKET NUMBER 028622-0108				
18. <input checked="" type="checkbox"/> The following fees are submitted:		CALCULATIONS PTO USE ONLY				
Basic National Fee (37 CFR 1.492(a)(1)-(5): Search Report has been prepared by the EPO or JPO.....\$860.00 International preliminary examination fee paid to USPTO (37 CFR 1.482).....\$690.00 No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2))\$710.00 Neither international preliminary examination fee (37 CFR 1.482) nor International search fee (37 CFR 1.445(a)(2)) paid to USPTO \$1,000.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)\$100.00						
ENTER APPROPRIATE BASIC FEE AMOUNT =		\$860.00				
Surcharge of \$130.00 for furnishing the oath or declaration later than 20 Months from the earliest claimed priority date (37 CFR 1.492(e))						
Claims	Number Filed	Included in Basic Fee	Extra Claims	Rate		
Total Claims	31	-	20	= 11	x \$18.00	\$198.00
Independent Claims	2	-	3	= 0	x \$80.00	\$0.00
Multiple dependent claim(s) (if applicable)					\$270.00	
		TOTAL OF ABOVE CALCULATIONS =			\$1058.00	
Reduction by 1/2 for filing by small entity, if applicable.					\$0.00	
		SUBTOTAL =			\$1058.00	
Processing fee of \$130.00 for furnishing English translation later the 20 months from the earliest claimed priority date (37 CFR 1.492(f)).		+				
		TOTAL NATIONAL FEE =			\$1058.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +						
		TOTAL FEES ENCLOSED =			\$1058.00	
					Amount to be: refunded \$	
					charged \$	
a. <input checked="" type="checkbox"/>	A check in the amount of \$1058.00 to cover the above fees is enclosed.					
b. <input type="checkbox"/>	Please charge my Deposit Account No. <u>19-0741</u> in the amount of \$0.00 to the above fees. A duplicate copy of this sheet is enclosed.					
c. <input checked="" type="checkbox"/>	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-0741</u> . A duplicate copy of this sheet is enclosed.					
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.						
SEND ALL CORRESPONDENCE TO:		 STEPHEN A. BENT				
Foley & Lardner Washington Harbour 3000 K Street, N.W., Suite 500 Washington, D.C. 20007-5109		SIGNATURE  NAME STEPHEN A. BENT				
REGISTRATION NUMBER 29,768						